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TO: Commissioner for Patents

Attn: Examiner Not Yet Assigned

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FROM:

George H. Gates

OUR REF.:

G&C 30794.104-US-WO

TELEPHONE:

(310) 642-4146

Total pages, including cover letter: 25 28

PTO FAX NUMBER: <u>571-273-8300</u>

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Title of Document Transmitted:	TRANSMITTAL DOCUMENTS (2); INFORMATION DISCLOSURE STATEMENT; FORM PTO-1449; CITED REFERENCES; AND COPY OF INTERNATIONAL SEARCH REPORT		
Applicant:	Michael D. Craven et al.		
Scrial No.:	10/582,390		
Filed:	June 9, 2006		
Group Art Unit:	Not Yet Assigned		
Title:	NON-POLAR (ALB,In,G2)N QUANTUM WELLS		
Our Ref. No.:	G&C 30794.104-US-WO		

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

Name: George H. Gates Reg. No.: 33,500

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Signature

07/28/2006 Date

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JUL 28 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Michael D. Craven et al.

Examiner:

Not Yet Assigned

Serial No.:

10/582,390

Group Art Unit:

Not Yet Assigned

Filed:

June 9, 2006

Docket:

G&C 30794.104-US-WO

Title:

NON-POLAR (AL,B,IN,GA)N QUANTUM WELLS

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

the U.S. Pittent and Trademark Office I hereby certify that this correspondence is being filed via facsimile transmissies

on July 28, 2006.

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.

✓ Information Disclosure Statement and Form PTO-1449.
 ✓ Cited References.

Other Enclosures: Copy of International Search Report.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462

GATES & COOPER LLP

Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, CA 90045 (310) 641-8797

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Reg. No.: 33,500

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Trademark Office on July 28, 2006.

Name: George H. Gates

INFORMATION DISCLOSURE STATEMENT(37 C.F.R. §1.97(b)/(c))

Commissioner for Patents P.O. Box 1450 Alexandria, VA 2213-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Included are references that were recently cited in International Search Report.

This statement should be considered because it is submitted prior to a first Office

Action on the merits, and also less than three months after the mailing date of a Communication from a foreign patent office in which the aforementioned items of information were first cited, but before the mailing date of either a final action under 37 C.F.R. § 1.113, or a Notice of Allowance under 37 C.F.R. § 1.311. No fee is due as this statement is submitted as certified below under 37 C.F.R. §1.97(e)(1) or (2) by the undersigned.

Certification Under 37 C.F.R. \$1.97(e)

In accordance with 37 C.F.R. §1.97(c) or §1.97(d), the undersigned hereby certifies that this statement is submitted wherein each item of information listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart foreign application within three months of filing this statement (certification under 37 C.F.R. §1.97(e)(1)).

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each foreign patent document and each non-patent document listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art". Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

Respectfully submitted,

GATES & COOPER LLP Attorneys for Applicant(s)

Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, California 90045

*(*310) 641-8<u>7</u>97

Date: July 28, 2006

Gebrge H. Gates

Reg. No.: 33,500

GHG/kmk

G&C 30794.104-US-WO

Date Mailed: July 28, 2006

Sheer 1 of 1

Form 1449*	Docket Number: G&C 30794.104-US-WO	Application Number: 10/582,390	
INFORMATION DISCLOSURE STATEMENT	Applicant: Michael D. Craven et al.		
in an application	Filing Date: June 9, 2006 Gr	oup Art Unit: Not Yet Assigned	

	_	U.S	. PATENT DOCUMENTS				
EXAMINÉR INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING APPRO	DATE II
	6,468,882	10/2002	Motoki et al.			_	
	6,177,057	01/2001	Purdy				
	6,156,581	12/2000	Vaudo er al				
	5,926,726	07/1999	Bour et al.	_	· · · · · · · · · · · · · · · · · · ·		·
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			FOREIGN PATENTS			1== + > TOT	1.E.O.1
	DOCUMENT NO.	IO. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
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				-			
	NON-PA	TENT DOCUME	NTS (Including Author, Tide, Da	ue. Pertinent Pu	res. Etc.)	·	
	Waltereit SEMICO Growth	ct al., "M-PI-ANI NDUCTORS FR 227-228 (2001), pp	E GAN(1 1 0 0) GROWN ON EE OF INTERNAL FLECT 1. 437-441.	I γ-LiA10₂(1 0 TROSTATIC I	0): NITRIDE FIELDS," Jou	mal of Cry	
	Ajoul et a OF GaN 372-376.	BY HYDRIDE \	N AND NITROGEN AMBI VAPOUR PHASE EPITAXY	ENT EFFECT "," Journal of (S ON EPITA Crystal Growth	XIAL GR), pp.

EXAMINER:	DATE CONSIDERED:					
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EXAMINER: Impal if reference considered, whether or not situation is in conformance with MPEP 600; thus line through citation if not in						
conformance and not considered. Include copy of this form for next communication to the Applicant.						
conformace and not empatiened. Include conv. of this form for next communication to the Addition.						

*Substitute Disclosure Statement Form (PTO-1449)

Parent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

G&C 30794.104-US-WO